

FIG. 1

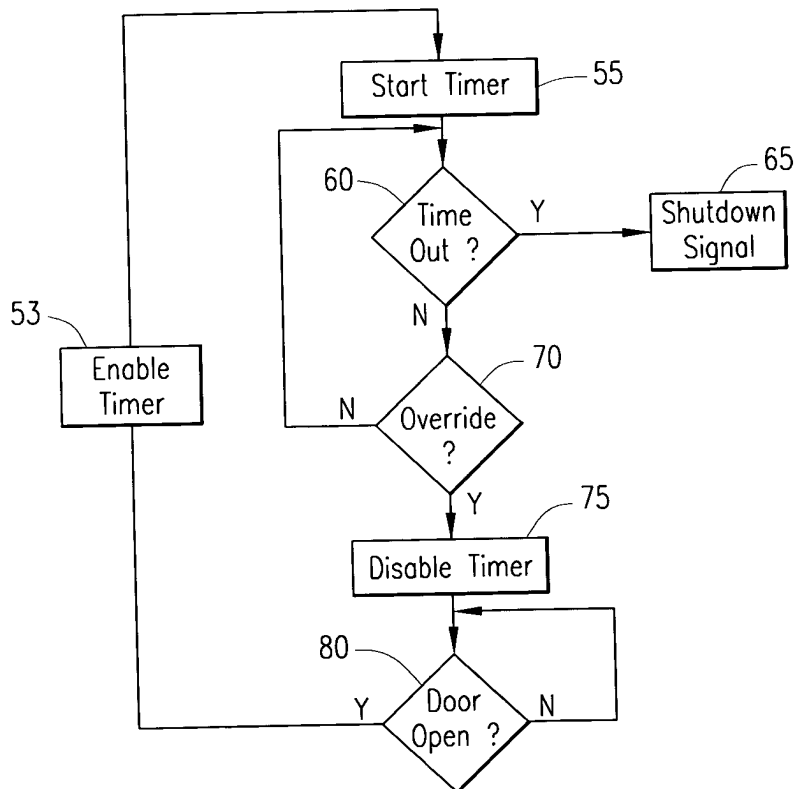
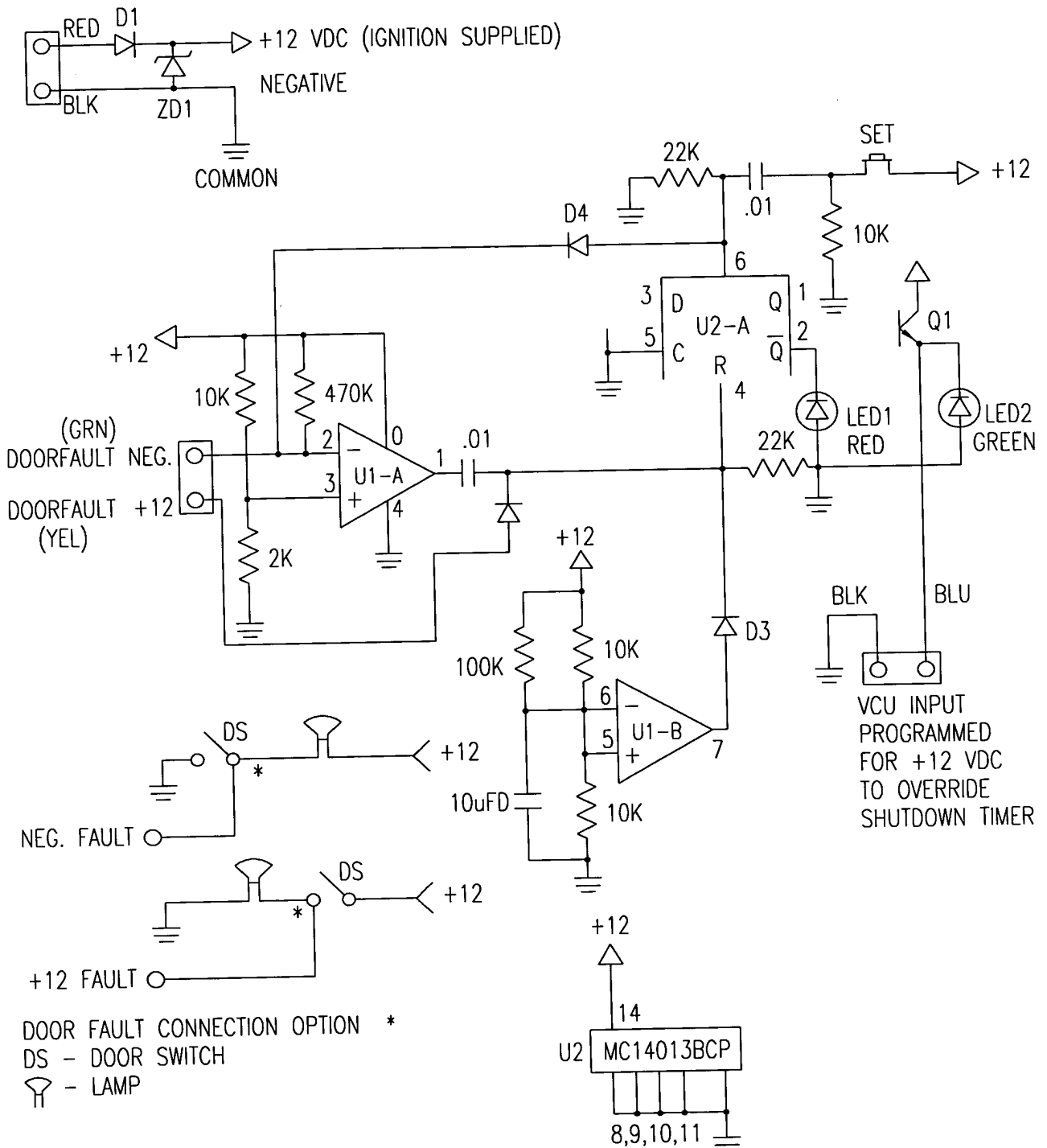


FIG. 2



U1 = OP AMP
U2 = MC14013BCP D-TYPE FLIP-FLOP
ZD1 = 1N6275, 15V ZENER DIODE
D1 = 1N4005
D2,D3,D4 = 1N4148
Q1 = 2N3904
LED1,LED2 HAVE PIGTAILS AND INTEGRAL RESISTOR

FIG. 3

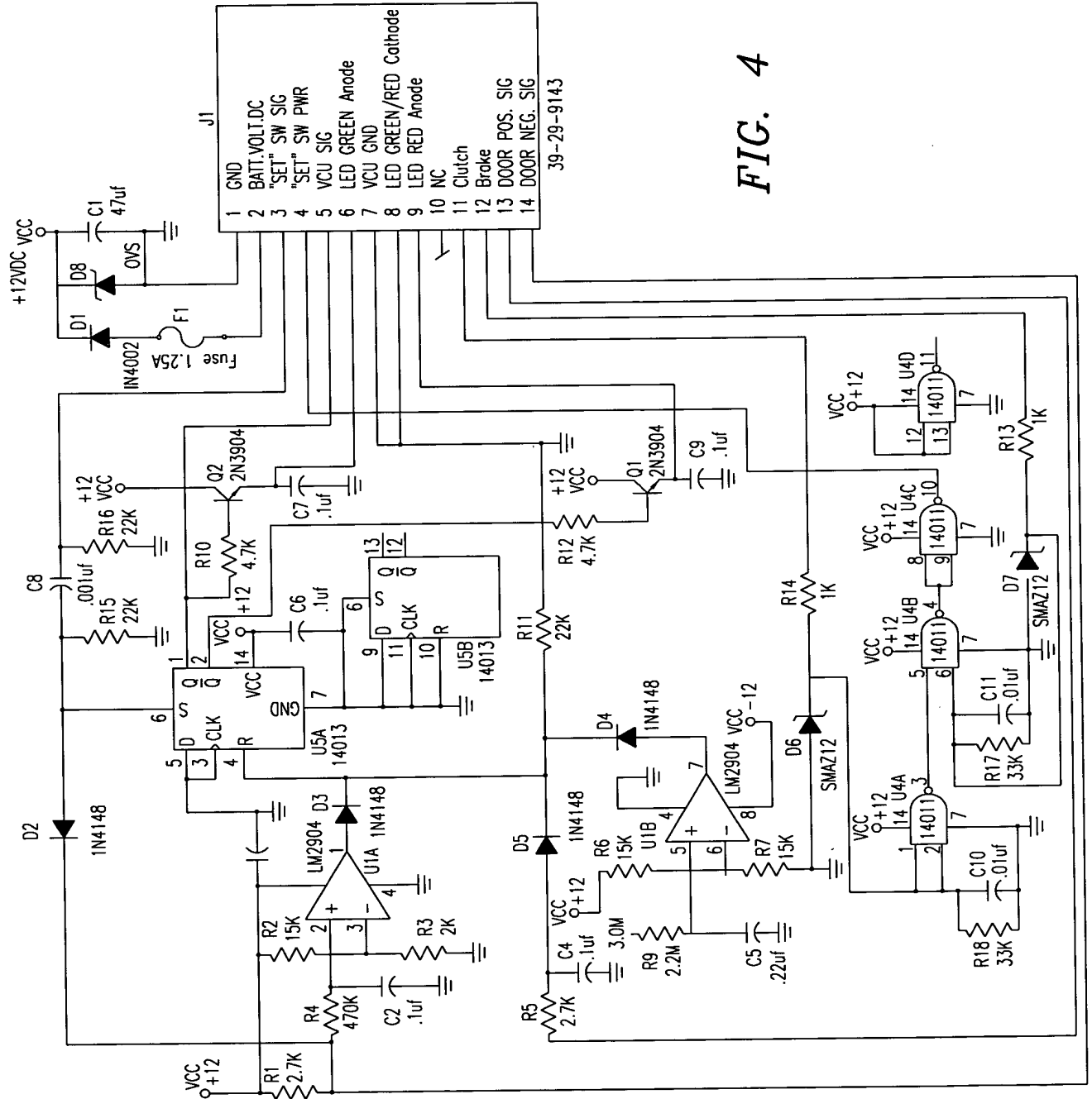


FIG. 4